

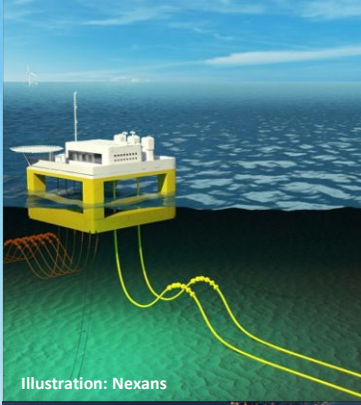
Offshore Grid Development - Technology and Interoperability -

Anja Farstad, Strategic Technology Lead

Offshore Development, Statnett SF

Statnett





Strategic Technology Development



STANDARDIZED TECHNOLOGY

- Converter
- Cable
- Platform
- System Integration



INTEROPERABILITY

- Multi-vendor, multi-terminal offshore HVDC solutions



SUSTAINABILITY





Accelerated Innovation is Key!

Offshore Development Innovation- and Technology Development Portfolio



2022-2024



2022-2023



2022-2025



2023-2026

ConDon



Horizon Europe



European
Commission

* Statnett er ikke partner, men bidrar i prosjektet ved deltagelse i arbeidsgruppene.

Ocean Grid

17

Partners

36

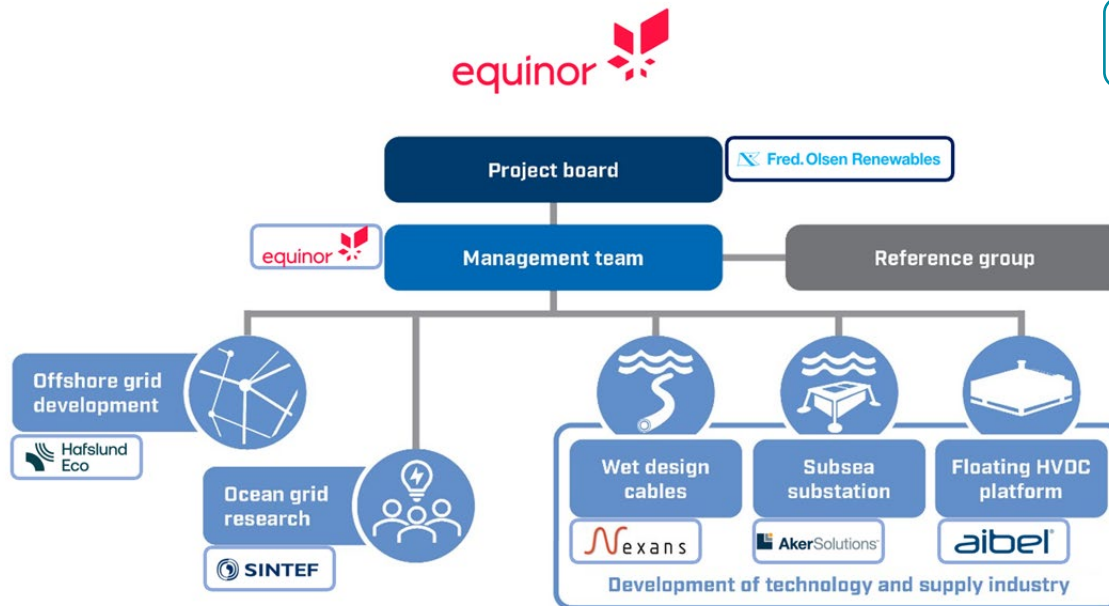
Months

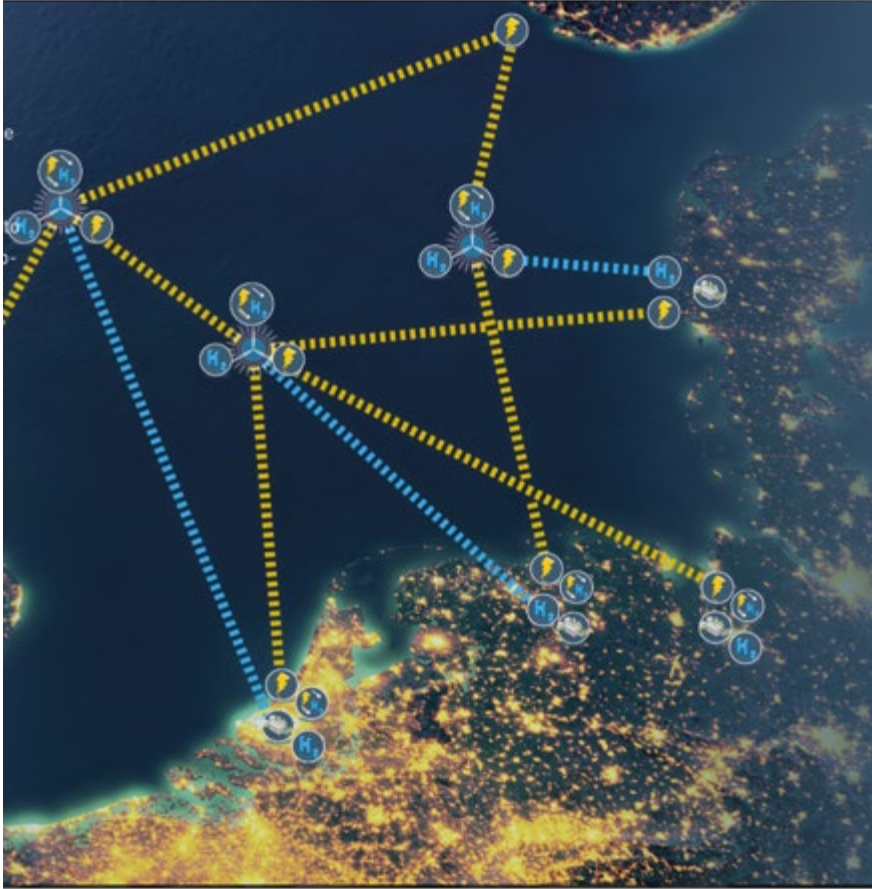
130.3

Million NOK

5

Subprojects





Source: North Sea Wind Power Hub

Interoperability

- HVDC solutions
- Multi-terminal
- Multi-vendor

InterOPERA

4

HVDC vendors

8

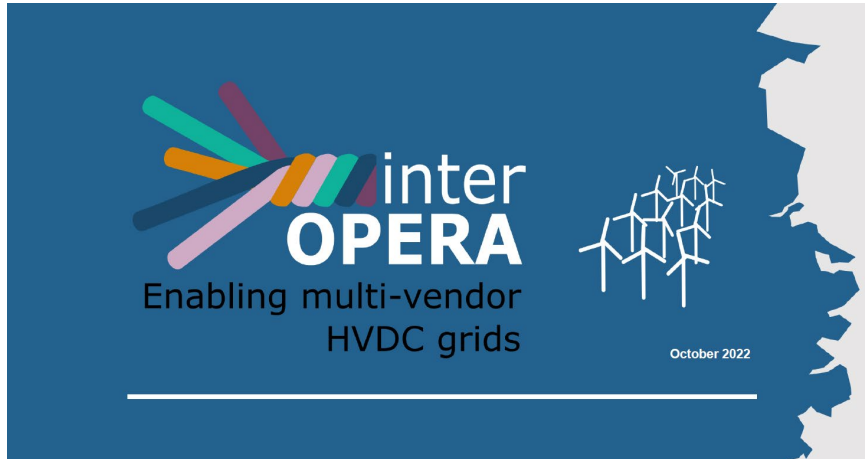
TSOs

2

Wind turbine vendors

3

Wind park developers



- Real-time physical demonstrator
- Requirements and functional specifications
- Standardization of assessment models
- Prepare interoperability frameworks



A Sustainable and Resilient Offshore Grid

- Collaboration
- Innovation
- Sustainability